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and easily recognised by nearly the whole of the outer surface of the wing being bright chestnut like the head. It is as follows:—

1. *CALLISTE LAVINIA*, Cassin.

Very similar to *C. gyrola*, *gyroloides* and *Desmarestii*, and about the same size, but having the shoulders, wing coverts, and outer edges of the secondary and shorter primary quills, bright rufous chestnut, with a golden yellow lustre on the shoulder. Head above and cheeks bright chestnut, back of the neck golden yellow, which color extends somewhat and fades gradually on the back. Throat with a longitudinal stripe of pale blue, and another of the same color on the middle of the abdomen; tibiae rufous. All other parts fine lustrous green, inner webs of quills and tail feathers black, bill and feet light colored.

Total length about  $4\frac{1}{2}$  inches, wing  $2\frac{1}{2}$ , tail  $1\frac{3}{4}$  inches.

*Hab.* Isthmus of Darien, New Grenada. Discovered by Mr. W. S. Wood, Jr., naturalist, attached to U. S. Surveying party, in command of Lieut. N. Michler, U. S. Topog. Engineers.

This handsome bird is named in honor of Mrs. Lavinia Bowen, of this city, whose superior skill as an artist in natural history, and especially in ornithology, fully entitles her to such commemoration. Nearly all plates in Ornithology published in this city within the last twenty years, and many others in every department of Zoology, have been prepared under the supervision and direction of this lady.

2. *SELENIDERA SPECTABILIS*, Cassin.

*Selenidera spectabilis*, Cassin. Proc. Acad. Philada., 1857, p. 214.

As stated above, both sexes of this bird are in the collection made by the surveying party, on the Isthmus of Darien, in command of Lieut. Michler, U. S. Top. Eng. The males do not vary from my description, as cited above, and both sexes have the bill parti-colored and variegated in its lighter portion as previously described.

Female. General colors very similar to those of the male, but with the head above dark chestnut, as in the females of other species of the genus *Selenidera*. Under tail coverts scarlet, mixed with dark chestnut.

According to Mr. William S. Wood, Jr., who accompanied the expedition as naturalist, this Toucan was obtained near the village of Susio, in the province of Choco, New Grenada. It was observed, generally, frequenting a tree called *Cremantina*, by the inhabitants, on the fruit of which it appeared to subsist at the period when noticed.

Dr. Fisher announced, that during the past week, the mortgage debt of the Academy had been entirely cancelled, \$10,000 having been presented for that purpose by one of the members, and \$1000 derived from the surplus funds of the Academy.

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Oct. 5th.

Major JOHN LE CONTE in the Chair.

Twenty-nine members present.

A paper was presented for publication in the Proceedings entitled "Description of a New Species of *Argynnis*, by James C. Fisher, M. D." and referred to a Committee.

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Oct. 12th.

Vice-President LEA in the Chair.

Thirty-four members present.

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Mr. Cassin read a letter from Capt. W. F. Lynch, U. S. N., giving an account of the finding of human bones from Santos Brazil, presented this evening. The cranium was perfect when found, but by accident has been subsequently broken.

Mr. Lea exhibited two specimens of *Triquetra contorta*, Lea, (*Hyria*, Lam.) which he had received from Mr. Cuming, of London. They were from Shanghai, and make four specimens known of this curious and rare species of the family *Unionidae*. Mr. Lea called attention to the fact, that these two specimens had both the same curve on the dorsal and basal margins, that the two previously exhibited by him and described in the Journal had, thus finally proving that the twisted form of this *Triquetra* is its normal character, like *Arca tortuosa*, Lin. in the *Arcada*. One of these specimens will be found in the collection of the Academy.

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Oct. 19th.

Vice-President BRIDGES in the Chair.

Thirty-one members present.

A paper was presented for publication in the Journal, entitled "Catalogue of the Coleoptera of the regions adjacent to the Boundary between the U. S. and Mexico, by John L. Le Conte, M. D."

And another for publication in the Proceedings, entitled "Note on the Species of *Eleodes* found within the United States, by John L. Le Conte, M. D.," which were referred to a Committee.

Dr. Leidy called attention to an antler of a reindeer found imbedded in the green sand marl, at Vincentown, N. J., at the depth of four feet, and presented this evening by Mr. Carlton Moore.

On leave granted, a resolution was offered and adopted, authorizing the Treasurer to send a special agent to visit the lands of the Academy in Virginia, and ascertain the best mode of disposing of the same, and the probable prices they would command.

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Oct. 26th.

Vice-President BRIDGES in the Chair.

Forty-one members present.

The Report of the Biological Department was read.

The paper entitled "Catalogue of the Coleoptera of the regions adjacent to the boundary between the United States and Mexico, by John L. Le Conte, M. D." was ordered to be printed in the Journal of the Academy, and the following were ordered to be printed in the Proceedings.

**Description of a New Species of ARGYNNIS.**

BY JAMES C. FISHER, M.D.

ARGYNNIS ASTARTE.—*Alis denticulatis, superioribus utrinque fulvis, nigro late marginatis et maculatis; inferioribus supra cærulescenti-nigris macula unica albescente, subtus fuscis maculis septem margaritaceis ex axilla radiantibus. Habitat in Nova Cæsarea. Tab. II.*

Upper wings with both surfaces fulvous; above with a broad, black exterior margin containing a range of seven small whitish spots parallel with the 1858.]